## PROBLEMS FOR SUN READERS

last one, No. 103, it is a clean cut proposition with a neat little trap in it, and quite difficult enough for the ordinary solver. The chief charm in these problems is to foresee the possible variations in the defence and to meet all of them. A number of solvers overlooked the best answer for A and B, so that the problem appeared eimpler than it was.

The correct solution is for Z to start with the heart, forcing A into the lead. A can then lead either of his suits, and as there is nothing to be gained by leading a high card he may begin with the seven of whichever suit he selects.

If he leads the diamond Z wins and leads a small spade, so that Y shall win whatever A plays, the major tenace being in Y's hand and the minor tenace in A's. Instead of making the second trick in spades at once Y returns the heart. If B trumps Z overtrumps and leads another spade, so that Y may get in and oraw B's remaining trump, after which the third heart is good for the last trick.

If B refuses to trump the heart, discarding a spade instead, Z will also discard spades. A's discard does not matter as the fight is to make one of B's two trumps, and B alone can do that. A cannot help him.

trick by which the key to the problem may be found arithmetically is very neat and rather interesting.

One element that makes it a little easier than the sums in long division is the fact that sums in long multiplication includes the element of addition, so that there are two checks on the proof.

Like all puzzles of this kind, the art is in the concealment of the obvious.

The other defence is for A to lead a small spade at the second trick. Y wins whichever spade A leads and returns the heart. If B trumps Z overtrumps as before, and Z can make the queen of diamonds then or later, putting Y in again with a spade. This enables Y the pull B's last trump and make his established heart at the end or give Z a diamond light and shalf for three he'pence, how many with a spade. This enables Y the pull B's last trump and make his established heart at the end or give Z a diamond light as a spade for the second trick, disconding remaining and a half for a diamond shear of the concealment of the fact that sums in long the element of addition. So that there are two checks on the proof. Like all puzzles of this kind, the art is in the concealment of the obvious before, and Z can make the queen of diamonds then or later, putting Y in again with a spade. This enables Y the pull B's last trump and make his established heart at the end or give Z a diamond life and a half for three ha'pence, how many early in the concealment of the obvious because slightly more complicated, and may amuse some of the younger members of the family who have carried in him, but 1 never lowed that was his reel name, bein 's Higglesworthy, 'tain't is in the concealment of the obvious in the concealment of the obvious as help uzzles which would be easily solved if it were not for the art with the concealment of the obvious in the concealment of the obvious is trick. It is in the concealment of the obvious in the conce

Z wins the diamond and puts Y in again with the spade, so that Y may lead hearts and make sure of the high trumps making separately.

This is the trap so many overlooked. wins the diamond and puts Y in again

This is the trap so many overlooked, because if Y does not lead the diamond at once but goes on with the hearts B will discard his diamond and will win a trick with one of his trumps.

Another way of getting out of the trap

Another way of getting out of the trap that B has set for Y and Z is for Y to make his ace of spades at once, so that B shall not get a second discard, but he must then lead the diamond or he is lost, because if he leads another heart B gets rid of his diamond and leaves Y and Z each with a club and a diamond, so that they cannot separate their trumps.

B might discard the diamond instead of the spade on the second round of hearts at the third trick when A leads a spade for the second trick. If he does Z must also let go a diamond. When Y follows with another heart if B refuses to trump Z must get rid of his queen of diamond after Y has made his ace of spades.

These variations show that the best chance for A and B in their defence is to make A lead a spade and for B to discard.

R—Kt3

It is now evident that black must either lose his rook or his knight's pawn. As every expert in chess tactics knows, black cannot win the game with a rook's pawn with the white king is in front of it.

This is an excellent example of how great chess masters can draw games which an ordinary player would lose, and it also shows careful anticipation of the adversary's line of attack.

No one seemed able to find the line of play that Lasker adopted, the general trend of the solutions being to advance the white king. B. F. Willcox and Mate Hol came nearer the mark than any others. In contrast to the careful play shown in solving No. 114 take the game that chess players all over the country are talking about between this same Janowski and Capablanca in the San Sebastian chess tournament in which a glaring oversight made a difference in the result of the whole tournament.

That such oversights are not impossible, even among the greatest players, one of

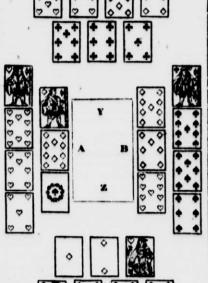
make A lead a spade and for B to discard

The following are the only solvers that foresaw the possibilities of the defence for A and B:

William H. Haynes, A. I. Strasburger, A. J. Schmutz, H. E. W., Walter McMartin, James Steen, B. B. W., C. F. Johnson, S. K., Mrs. J. H. Neal, W. A. Bulkley, J. L. Scott, J. G. Walsh, Lippman, Rothschild, J. W. Cromwell, Jr., Henry Andresen, J. Warren Merrill, Dr. George C. Bailey, D. C. Shanks, W. P. W., G. B. Hotchkiss, R. S. C., Edith T. Behrens, W. O. Johnson, Arthur L. Brown, D. A. W., W. H. Talcott and C. H. O'Connor.

It required a very careful reading of the many solutions sent in to be sure whether or not the trap in the problem had been seen, the general tendency being to slight it, as if it were easy. In fact a number wrote that the problem was, "a relief after No. 113," or that it was "quite simple," or "presented no difficulty" or something of that sort, whereas it is one of the best problems that have ever been published, as it contains just the right quantity of soothing syrup to put the solver to sleep. Henry Andresen of Louisville sums up the situation when he says: "A very pretty problem, the apparent simplicity of which will lead many a poor solver astray." Here is a position which looks familiar enough, as it is typical of many situations in which tricks are lost in the end play at the bridge table:

BRIDGE PROBLEM NO. 115.



Clubs are trumps and Z is in the lead Y and Z went all seven of these tricks against any defence possible for A and B. How do they get them?

PROBLEMS FOR SUN READERS

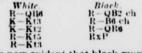
BRIDGE TRAPS, CRYPTOGRAMS
AND CHESS OVERSIGHTS.

Puzzles to Sharpen the Wits On-Victor du Pont, Jr., Catches Bridge Players
—Cipher in a Sum in Multiplication and subfraction, and many say they would like to have a try at another sum of this kind.

Bridge problem 114, printed two weeks ago, is another of the compositions of Victor du Pont, Jr. Like his last one, No. 103, it is a clean cut propositions.

SNA WYS EYIA OTAA

In order to be credited solutions must explain the method by which the sum was worked out by analysis. This condition is imposed to prevent solutions which are obtained by juggling the ten letters about until they are found to spell something and then writing out the sum. The trick by which the key to the problem may be found arithmetically is very neat and rather interesting.



That such oversights are not impossible make A lead a spade and for B to discard a spade instead of trumping, so as to be ready to get rid of his diamond if Y makes the mistake of going on with the heart suit.

The following are the only solvers that foresaw the possibilities of the defence for A and B:
William H. Haynes, A. I. Strasburger,



The play went as follows

B-B2 Resigns

That such a master of the game should have made two such blunders in three moves seems almost incredible and can be accounted for only by the mental strain to which such matches subject the

PORTLAND'S FESTIVAL.

Miles of Rose Bushes. There are miles and miles of roses in Portland, Ore. One man with a fondness for figures has calculated that if the rosebushes were placed close together they

would stretch in an unbroken line from

would stretch in an unbroken line from Portland, Ore., to Los Angeles, Cal., a distance of 1,253 miles.

Their fragrance, beauty and color defy description, says the Author's Magazine. The bushes are planted along the streets and boulevards all over the city, and strangers wonder at their not being molested. As a matter of fact the youngest citizen of Portland takes too much pride in the roses to pick one.

Travellers from Italy and the south of France agree that nowhere in the world do roses attain such perfection as in Portland. There seems to be a happy combination of soil and moisture which suits this most beautiful flower as nowhere else. At the festival time—the second week in June—both day and night are given up to spectacular floral pageants. There are historical floats, cars and chariots and gayly decorated motor cars.

THOSE CRYPTOGRAMS.

They say there is no such thing as a cryptogram that cannot be solved. The SUN published one on December 4 that no case solved, and another two weeks ago that only one person has made an attempt

Soft are based on the solved. The solved as a cryptogram that cannot be solved that no case solved, and another two weeks ago that only one person has made an attempt.

They say there is no such thing as a modern phenomenon, but prof. V. B. Lewes shows that it raised so much indignation in England 600 years ago that a decree was made forbidding the use of bituminous coal for fuel. Such fuel was then a new thing.

They say there is no such thing as a modern phenomenon, but prof. V. B. Lewes shows that it raised so much indignation in England 600 years ago that a decree was made forbidding the use of bituminous coal for fuel. Such fuel was the complete of the solved as a pickaninny with a handful o' molasses.

But a triple of the solved as a pickaninny with a handful o' molasses.

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Hen Higglesworthy Would Have Twisted the Game Around-It Cost Him \$100.

MAN WHO

"There's some 't's al'ays talkin' disparagus 'bout everybody an' everythin t's mentioned," remarked old man Greenlaw. "'Pears like th' ain't nothin' right 'cordin' to what they let on. 'Minds me

o' the way mules an' puppydogs relieves "If a young dog gets plumb full o' noise, so 's 't he can't hold onto it no longer he goes out an' lets loose at the moon, or mebbe at nothin' at all. Don't do no

in' of 'em how mistook they be, tellin'

in' of 'em how mistook they be, tellin' everybody how everythin' on airth is all wrong.

"I knowed a feller like that up to Little Rock oncet. Hen Higglesworthy they called him, but I never 'lowed that was his reel name, bein 's Higglesworthy ain't onto a small rair, fo' fear o' makin' a small rair, fo' fear o' makin' a small rair, fo' fear o' makin' a

he didn't find fault with. An' long as he didn't there wa'n't no call fo' me to.

the s'loon where I was tendin' bar and chuck spurn at everybody an' everythin' 't anybody spoke of, like there wa'n't nobody but him was fit to be on airth, an'

down when he begin findin' fault with the

a white man, an' this is whiskey. Yo' all c'n drink it or let it alone,' I says, 'but th' ain't no 'casion fo' to speak disparagus c'ncernin' a white man's drink.

"'Poker,' he says, 'is a game what hull thing,' he says, 'is built wrong, and the man what wrote the rules don't pear to had no idee o' what Providence done meant fo' draw poker to be.

"Well, that was some interestin' to me, even if I didn't had as much idee then as done got later on o' the overwhelmin' benefits what comes o' scientific play. I'd al'ays had a Southern gentleman's preciation o' the game, though, an' it kind o' s'prised me to hear Hen Higglesworthy speakin' blasphemious like ag'in one o' the most beneficious instituotions o' Providence, so I as't him how he made

"An' he says, 'Th' ain't no question but what draw poker was meant for to be the means o' takin' money f'm them what 'tain't proper fo' 'em to have it, is there?' An' I told him I reckoned there wa'n't no disputin' that fo' a foundamental fac'.

"So he says, 'Well, admittin' that, why had it ought fo' to be so hellroarin' hard fo' a deservin' man to get money outen

a pirate what's tryin' to get hisn?'
"There didn't 'pear to be no answer
to that what I c'd think of, so I says I didn't think 'twas so almighty hard if a man played scientific, an' he says, 'Yes contestants.

Instead of P—QR4, black should have played Q—Kt4, and even after white's Kt—Q7 one would think that any armateur would have foreseen the danger of losing his queen.

Iman played scientific, an' he says, 'Yes 'tis. Yo' c'n waste yo' stubstance fo' a hellova while,' he says, 'drawin' to flushes an' then when yo' done filled one, that there hellyon is liable fo' to set in with a his queen. full house an' scoop the pot. Ain't that

A Big One Because the City Has 1.253 to admit it. 'But what yo' goin' to do bout it? The best hand wins.'

"That's just it,' he says triumphous like. 'Yo' call it the best hand, but it hadn't oughter be. If yo' 're goin' to get the other feller's money, the best hand had oughter be the one that's easiest to get. 'Pears like the man 't made the game must 'a' been a plumb ijjit not fo' to see that fur ahead."
"When he said that I like to fell offen

my chair, I was that struck, but I says kind o' stern, 'Yo'd oughter be struck dumb fo' onreligious talk. Don't yo' know 'twa'n't no man made the game? It's an instituotion o' Providence

"But he says, 'If 'tis, it's got all fired twisted like. If Providence had knowed its business it 'd ordained what the easiest hands to get 'd beat them 't don't come so often.

"'Then yo' all 'd make a nine high beat a royal flush,' I says, kind o' bewildered, an' when he grins an' says, 'Sho' I would,' I says, 'Looks like the poorest player 'd oughter win, playin' thataway?

"But he says 'tain't so. It 'd on'v he like playin' back'ards, an' the best player

SUN published one on December 4 that no one solved, and another two weeks ago that only one person has made an attempt attempt to use bituminous coal for fuel. Such fuel was then a new thing. In the time of Queen Elizabeth another attempt to use bituminous coal was defeated by public opposition to the smoke. The third effort attained complete success in the nineteenth century and now the solve the other without any trouble. The third effort attained complete success in the nineteenth century and now the solve the other without any trouble. The third effort attained complete success in the nineteenth century and now the duantity of smoke believed into the air is so great that it is ridiculous that it is ridiculous that it is ridiculous that no one guessed it. If it is not destroying buildings.

SLANDERED POKER

it 'd oughter be played, mo' 'n likely yo' all c'd fetch him a almighty hefty swat right onto his bump o' faultfindin' an learn him a val'able moral lesson, b'sides gettin' away with a consid'able side offen his wad."

"Well, some on 'em said what 1 was nigh about as crazy as Hen Higglesworthy was, but Jake Pooton, he kind o' laughed an' he says he motions they try it.

"I reckon we c'n do him up, all right, an' if we don't, I reckon the fun 'd be worth the price. I sh'd say it 'd be nigh about as 'xcitin' as the delirious trimmings,' he says.

ALBANY, April 8.—The bill introduced

"An' after some talk there was two

"An' after some talk there was two others said they'd set in fo' a spell just to see what it'd be like.

"So the next night when Hen Higgles-worthy came in Sam Hardinger he begin devillin' him 'bout his idea o' what draw poker 'd oughter be, an' when he got consid'able het up over it Jim Wayburn he dared him to set in to a table stakes game to be played 'cordin' to his idees, an' bein' 's Hen Higglesworthy wouldn't take a dare they made it up, Jake an' Sam both takin' a hand.

"They put up \$100 apiece, an' begin to

or mebbe at nothin' at all. Don't do no harm to the moon, nor it don't do no good to the dog, 's fur's I c'n see, 'thouten it'll mebbe p'vent him f'm bustin' open, but he'll do it, just the same, 'long o' him bein' a dog.

"Same with a mule. He'll be standin' draw as there was that night, an it was enough to make a man cry to have to enough to make a man cry to have to enough to make a man cry to have to

"Same with a mule. He'll be standin' stock still, mebbe, an' all of a suddint he'll bust out brayin', an' hee-haw till the ground shakes. O' co'se it's aggravatin', same 's the dog is, but it don't mean nothin', on'y by way o' showin' the brute's disposition, nor it don't do no p'tic'lar harm to nobody, mo' 'n to rile 'em all up.

"So with a man what's al'ays an' f'rever findin' fault. 'Pears like nigh' bout all he's good fo' is to keep other people het up so 's 't they won't take life too hell-roarin' easy. Then there's some satisfaction to be took, oncet in a while, showin' of 'em how mistook they be, tellin' everybody how everythin' on airth is all everybody how everythin' on airth is all care of anythin', ben' if he broke 'em an' drawed one cyard he was liable 'en an' drawed one cyard he was liable 'em an' drawe as there was that night, an' it was there

"Well, 'peared like Hen Higglesworthy "Used to set 'round nights, he did, into the s'loon where I was tendin' bar and tauk spurn at everybody an' everythin' anybody spoke of, like there wa'n't cook proper care of his discyard, so he cook but him was fit to be on airth, an' lose the pot to Sam Hardinger, him havin' a pair o' sevens, an' he lose the pot to Sam Hardinger, him havin' a pair o' sevens, an' he lose the pot to Sam Hardinger, him havin' a pair o' sevens, an' he lose the pot to Sam Hardinger, him havin' a pair o' sevens, an' he lose the pot to Sam Hardinger, him havin' a pair o' sevens, an' he lose the pot to Sam Hardinger, him havin' a pair o' deuces, all right, fo' he had a deuce in his hand at the show-down, but he done caught a seven spot, makin' a pair o' deuces, all right, fo' he had a deuce in his hand at the show-down, but he done caught a seven spot, makin' a pair o' sevens, an' he had a deuce in his hand at the show-down, but he done caught a seven spot, makin' a pair o' sevens, an' he had a deuce in his hand at the show-down, but he done caught a seven spot, makin' a pair o' sevens, an' he had a deuce in his hand at the show-down, but he done caught a seven spot, makin' a pair o' sevens, an' he had a deuce in his hand at the show-down, but he done caught a seven spot, makin' a pair o' sevens, an' he had a deuce in his hand at the show-down, but he done caught a seven spot, makin' a pair o' sevens, an' he had a deuce in his hand at the show-down, but he done caught a seven spot, makin' a pair o' sevens, an' he had a deuce in his hand at the show-down, but he done caught a seven spot, makin' a pair o' sevens, an' he had a deuce in his hand at the show-down, but he done caught a seven spot, makin' a pair o' deuces, all right. For he had a deuce in his hand at the show-down, but he done caught a seven spot, makin' a pair o' deuces, all right. For he had a deuce in his hand at the show-down, but he done caught a seven spot he had a deuce in his hand at the show-down, but he had a deuce in his hand at the show-down he had a deuce in hi

nobody but him was fit to be on airth, an' nobody but him knowed how to do nothin'. There wouldn't nobody have stood it to hear him talk the way he done on'y fo' one thing, an' that was he was a lib'ral spender.

"Most gen'ly he'd set 'em up fo' the crowd two or three times afo' he'd go home, an' the boys got so 's 't they didn't pay much 'tention to what he said other times. Even at that I had to call him down when he begin findin' fault with the

Belleville correspondence Topeka Capital. An instance of "conscience money" ha just come to light in the office of William R. Wells, Treasurer of Republic county, who this week received \$6 paid out of the gus c'ncernin' a white man's drink.'

"An' he seen I was riled, so he didn't say no mo'.

"But I sho' was het up when some o' the boys was playin' draw poker in the back room an' Hen Higglesworthy begin to talk contumel'ous o' the game. An' the way he spoke was just about what yo' mought 'xpect f'm a crossgrain like he sho' was.

"Poker,' he says, 'is a game what

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liability law on the statute books is impossible," the reporter remarked.
"I can't see it that way," said Dr. Miller.

OPPOSED TO TRACKS AND FAIRS to the second of the second of

liability law on the statute books is impossible," the reporter remarked.
"I can't see it that way," said Dr. Miller.
"The reason the racetrack men are anxious to have the liability law repealed is because they want to reestablish bookmaking and to collect a revenue from it. Even last year they collected money from the gamblers. I am informed. At least we feel confident that we can prove this assertion to the satisfaction of any court."
"The track owners severed all financial"

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"Oh, we'll find a way to stop them too." (Can you prevent poolrooms from making their own odds?"

"I haven't looked into that yet."

"Do you think there is more betting in poolrooms since the closing of the tracks?"

"That is a matter of opinion," replied Dr. Miller, who suddenly turned the subject by calling attention to the work of his "anti-gambling advocate," Harry Brolaski, the reformed bookmaker, who is lecturing in up-State cities and towns for the purpose of disclosing alleged crooked methods.

"Is it true that Brolaski was ruled off the turf?" queried The Sun man.

"I believe he was ruled off several times," was the ready response. "But he doesn't conceal anything about his record on the

"I believe he was ruled off several times," was the ready response. "But he doesn't conceal anything about his record on the turf. He is sincere in his fight to suppress the gambling evil and is doing great work. We are going to keep on fighting, too, until we have won a Statewide victory.

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